

## STRUCTURAL CONSIDERATIONS

### BIFOLDING DOOR SYSTEMS

- Installation Format: Top Hung, weight of the panels is born by the Top Track and structure above.

- Approx Top Track weight per linear foot 1 3/4" thick, double-glazed panels installed (1)	< 8' Ht. 58lbs	8'-9' Ht 63 lbs	9'-10' Ht 72lbs
- Approx. Sill Track Weight per linear foot	< 5 lbs		
- Maximum allowable vertical deflection:	0.09375" per 12' of system width (2)		
- Overhead transoms allowed	Yes (3)		

(1) When closed, the weight is linearly distributed across the opening. When open, the weight of the panels is concentrated at one or both ends of the track depending on the configuration.

(2) The roof of the structure MUST be loaded prior to installation of the door system.

(3) Please see Vista Pointe's recommended transom hanger assembly to isolate the transom from the system below

### MULTI-SLIDE DOOR SYSTEMS

- Installation Format: Bottom supported; the weight of the panels rests on the sill track & the sub-floor below

- Approx Top Track weight per linear foot 1 3/4" thick, double-glazed panels installed (1)	< 8' Ht. 18 lbs	8'-9' Ht 18 lbs	9'-10' Ht 18 lbs
- Approx. Sill Track Weight (per panel) per linear foot	47 lbs	53 lbs	60 lbs
- Maximum allowable vertical deflection:	0.125" per 12' of system width (2)		
- Overhead transoms allowed	Yes (3)		

(1) The weight of the track is linearly distributed across the opening.

(2) The roof of the structure MUST be loaded prior to installation of the door system.

### LIFT-SLIDE DOOR SYSTEMS

- Installation Format: Bottom supported; the weight of the panels rests on the sill track & the sub-floor below

- Approx Top Track weight per linear foot 2 1/4" thick, double-glazed panels installed (1)	< 8' Ht. 18 lbs	8'-9' Ht 18 lbs	9'-10' Ht 18 lbs
- Approx. Sill Track Weight (per panel) per linear foot	66 lbs	74 lbs	84 lbs
- Maximum allowable vertical deflection:	0.0625" per 12' of system width (2)		
- Overhead transoms allowed	Yes (3)		

(1) The weight of the track is linearly distributed across the opening.

(2) The roof of the structure MUST be loaded prior to installation of the door system.